

Work Order ID 146753

Tuesday, May 24, 2016 9:51:04 AM

146753

Page 1

Item ID: D412-761-049

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Armrest

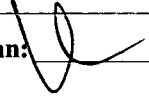
Start Date: 6/15/2016 Start Qty: 1.00 ***1***

Cust Item ID:

Required Date: 6/23/2016 Req'd Qty: 1.00 ***1***

Customer:

Reference:

Approvals: Process Plan:  Date: _____ Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start ***NR1***

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
IIN D412-761	E F A							21 16-07-12 9-89	
100	Document Control	6 0.00 9-89	DAS						
100	DOCUMENT CONTROL								
DC	Memo	0.00							
Doc.Control -USB or Paperwork	Photocopy bluefile & type labels per PPP D412-761-049	CHG004							
110	Pick Kit	0.00							
110									
Packaging	Memo	0.00							
Packaging									
120	QC4- 100% Inspect kits for completeness	0.00							
120									
QC	Memo	0.03							
Quality Control									

DAS
27
9-89
JUL 13 2016

DAS
6
9-89

JUL 11 2016

DAS
26
9-89

DAS
27
9-89
JUL 13 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By _____ Lead hand / Supervisor Approval Verification _____ QC / QA Coordinator Approval _____		
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
		OTHER : ☐							

Work Order ID 146753

Tuesday, May 24, 2016 9:51:04 AM

146753

Page 2

Item ID: D412-761-049 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Armrest
Start Date: 6/15/2016 Start Qty: 1.00 ***1*** Cust Item ID:
Required Date: 6/23/2016 Req'd Qty: 1.00 ***1*** Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Packaging	0.00							
130									
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D412-761-049								
	Location: _____								
	PPP Rev: _____								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.10							
Quality Control									

DAS
27
9-89
JUL 13 2016

DAS
21
9-89
JUL 14 2016

GA 7/13/16

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval 		
Description Work Order Deviation				Disposition					
							Completed By		
							Lead hand / Supervisor Approval Verification		
							QC / QA Coordinator Approval		
Root Cause		FAULT CATEGORY							
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐	OTHER : _____			

Picklist Print

Tuesday, May 24, 2016 9:51:03 AM

Page 1

Work Order ID: 146753

146753

Parent Item: D412-761-049

D412-761-049

Parent Item Name: Armrest

Start Date: 6/15/2016

Required Date: 6/23/2016

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A 08-09-10 new issue DD verified by:JLM
IPP Rev:B 09-01-13 rev.C as per dwg DD verified by:EC IPP REV:C
12.03.06 AS PER ECN12-535 DD VERF:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3694-041 *D3694-041* Mounting Plate		Manufactured	No			110	Each	0.0000	1	1			DAS 26 9-89
D3695-041 *D3695-041* Slider Assembly		Manufactured	No			110	Each	2.0000	1	1			DAS 6 9-89
					<u>Location</u>			<u>Loc Qty</u>		<u>Loc Code</u>			DAS 6 9-89
					ST506			2					
					145565			2					
D3780-041 *D3780-041* Armrest Assembly		Manufactured	No			110	Each	4.0000	1	1			DAS 26 9-89
					<u>Location</u>			<u>Loc Qty</u>		<u>Loc Code</u>			DAS 6 9-89
					ST456			4					
					139237			4					
AN3-6A *AN3-6A* Bolt		Purchased	No			110	Each	127.0000	11	11			DAS 26 9-89
					<u>Location</u>			<u>Loc Qty</u>		<u>Loc Code</u>			DAS 6 9-89
					over003			100					
					M134654			100					
					ST349			27					
					M134055			3					
					M134630			24					

JUL 12 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval 		
Description Work Order Deviation				Disposition					
							Completed By		
							Lead hand / Supervisor Approval Verification		
							QC / QA Coordinator Approval		

Root Cause			FAULT CATEGORY							
Environment ☐	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐	Power Loss/Surge	☐	Positioned Wrong
Design ☐	☐	Operator	☐	Bending	☐	Set-up	☐	Folio/Program	☐	Outside Dimensions
Doc/Data ☐	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐	Grain	☐	Over/Under tolerance
Equip/Tooling ☐	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐	Weld	☐	Part Incorrect
Handling/Pre ☐	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐	Wrong Stock Pulled	☐	Part Lost/Missing
Material ☐	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐	Out of Sequence	☐	Part Moved
Internal Transport ☐	☐	Poor Information	☐	Crushing	☐	Countersink	☐	Off-set	☐	Drawing
Tribal Knowledge ☐	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐	Mislabeled	☐	Finish
LOA ☐	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐	Fit/Function	☐	Misread
Substation ☐	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐	Misaligned/off center	☐	Turning Sequence
Past Expiry Date ☐	☐	Manufacturing Process	OTHER : _____							
Misidentified ☐	☐	Past Due								

Picklist Print

Tuesday, May 24, 2016 9:51:03 AM

Page 2

Work Order ID: 146753

146753

Parent Item: D412-761-049

D412-761-049

Parent Item Name: Armrest

Start Date: 6/15/2016

Required Date: 6/23/2016

Start Qty: 1.00

Required Qty: 1.00

AN6-26 Purchased No

110 Each

16.0000

1 1

AN6-26

Bolt

DAS
27
9-89

Location

Loc Qty

Loc Code

ST334

16

m127124

16

AN320-6 Purchased No

110 Each

27.0000

1 1

AN320-6

Nut

DAS
27
9-89

Location

Loc Qty

Loc Code

ST330

27

113288

27

NAS1149D0363J Purchased No

110 Each

1,799.000

11 11

NAS1149D0363J

Washer

DAS
27
9-89

Location

Loc Qty

Loc Code

GA

465

m134055

465

ST260a

1000

m134676

1000

ST263

334

m134606

334

NAS1149D0616J Purchased No

110 Each

134.0000

1 1

NAS1149D0616J

WASHER

DAS
27
9-89

Location

Loc Qty

Loc Code

ST264

134

122815

134

JUL 12 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval 		
Description Work Order Deviation				Disposition					
								Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	

Root Cause			FAULT CATEGORY							
Environment ☐	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐	Power Loss/Surge	☐	Positioned Wrong
Design ☐	☐	Operator	☐	Bending	☐	Set-up	☐	Folio/Program	☐	Outside Dimensions
Doc/Data ☐	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐	Grain	☐	Over/Under tolerance
Equip/Tooling ☐	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐	Weld	☐	Part Incorrect
Handling/Pre ☐	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐	Wrong Stock Pulled	☐	Part Lost/Missing
Material ☐	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐	Out of Sequence	☐	Part Moved
Internal Transport ☐	☐	Poor Information	☐	Crushing	☐	Countersink	☐	Off-set	☐	Drawing
Tribal Knowledge ☐	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐	Mislabeled	☐	Finish
LOA ☐	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐	Fit/Function	☐	Misread
Substation ☐	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐	Misaligned/off center	☐	Turning Sequence
Past Expiry Date ☐	☐	Manufacturing Process	OTHER :							
Misidentified ☐	☐	Past Due								

Picklist Print

Tuesday, May 24, 2016 9:51:03 AM

Page 3

Work Order ID: 146753

146753

Parent Item: D412-761-049

D412-761-049

Parent Item Name: Armrest

Start Date: 6/15/2016

Required Date: 6/23/2016

Start Qty: 1.00

Required Qty: 1.00

NAS1515H6L

Purchased

No

110

Each

92.0000

2

2

***NAS1515H6L ***

Washer

**

DAS
6
9-89

DAS
26
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST260

92

18918

1

m128612

2

m128637

89

2

MS24665-302

Purchased

No

110

Each

65.0000

1

1

MS24665-302

Cotter Pin

**

DAS
6
9-89

DAS
26
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

GA

15

120521

15

ST288

50

m134738

50

MS21071L3

Purchased

No

110

Each

178.0000

3

3

MS21071L3

ANCHOR NUT

**

DAS
6
9-89

DAS
26
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST299

78

m129702

78

ST301

100

125654

100

3

JUL 12 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width: 100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td style="border: none;"></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																															
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																																																																				
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐																																																																				
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐																																																																				
Large Fab ☐	Composite ☐	Supplier ☐																																																																					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval																																																																
Description Work Order Deviation				Disposition			Completed By																																																																
							Lead hand / Supervisor Approval Verification																																																																
							QC / QA Coordinator Approval																																																																
Root Cause <table style="width: 100%; border: none;"> <tr> <td style="border: none;">Environment ☐</td> <td style="border: none;">No Re-verification ☐</td> </tr> <tr> <td style="border: none;">Design ☐</td> <td style="border: none;">Operator ☐</td> </tr> <tr> <td style="border: none;">Doc/Data ☐</td> <td style="border: none;">Offset/Setup ☐</td> </tr> <tr> <td style="border: none;">Equip/Tooling ☐</td> <td style="border: none;">Supplier ☐</td> </tr> <tr> <td style="border: none;">Handling/Pre ☐</td> <td style="border: none;">Training ☐</td> </tr> <tr> <td style="border: none;">Material ☐</td> <td style="border: none;">Use for Testing ☐</td> </tr> <tr> <td style="border: none;">Internal Transport ☐</td> <td style="border: none;">Poor Information ☐</td> </tr> <tr> <td style="border: none;">Tribal Knowledge ☐</td> <td style="border: none;">Rushing ☐</td> </tr> <tr> <td style="border: none;">LOA ☐</td> <td style="border: none;">Product Improvement ☐</td> </tr> <tr> <td style="border: none;">Substation ☐</td> <td style="border: none;">Process Improvement ☐</td> </tr> <tr> <td style="border: none;">Past Expiry Date ☐</td> <td style="border: none;">Manufacturing Process ☐</td> </tr> <tr> <td style="border: none;">Misidentified ☐</td> <td style="border: none;">Past Due ☐</td> </tr> </table>		Environment ☐	No Re-verification ☐	Design ☐	Operator ☐	Doc/Data ☐	Offset/Setup ☐	Equip/Tooling ☐	Supplier ☐	Handling/Pre ☐	Training ☐	Material ☐	Use for Testing ☐	Internal Transport ☐	Poor Information ☐	Tribal Knowledge ☐	Rushing ☐	LOA ☐	Product Improvement ☐	Substation ☐	Process Improvement ☐	Past Expiry Date ☐	Manufacturing Process ☐	Misidentified ☐	Past Due ☐	FAULT CATEGORY <table style="width: 100%; border: none;"> <tr> <td style="border: none;">Pressure/Forced ☐</td> <td style="border: none;">Temperature/Cure ☐</td> <td style="border: none;">Power Loss/Surge ☐</td> <td style="border: none;">Positioned Wrong ☐</td> </tr> <tr> <td style="border: none;">Bending ☐</td> <td style="border: none;">Set-up ☐</td> <td style="border: none;">Folio/Program ☐</td> <td style="border: none;">Outside Dimensions ☐</td> </tr> <tr> <td style="border: none;">Centre Not Concentric ☐</td> <td style="border: none;">BOM/Route ☐</td> <td style="border: none;">Grain ☐</td> <td style="border: none;">Over/Under tolerance ☐</td> </tr> <tr> <td style="border: none;">Cracks ☐</td> <td style="border: none;">Broken/Damage/Defect ☐</td> <td style="border: none;">Weld ☐</td> <td style="border: none;">Part Incorrect ☐</td> </tr> <tr> <td style="border: none;">Crimp/Kink/Ripple/Wave ☐</td> <td style="border: none;">Inspection Incomplete/Unqualified ☐</td> <td style="border: none;">Wrong Stock Pulled ☐</td> <td style="border: none;">Part Lost/Missing ☐</td> </tr> <tr> <td style="border: none;">Cuffs ☐</td> <td style="border: none;">Contamination ☐</td> <td style="border: none;">Out of Sequence ☐</td> <td style="border: none;">Part Moved ☐</td> </tr> <tr> <td style="border: none;">Crushing ☐</td> <td style="border: none;">Countersink ☐</td> <td style="border: none;">Off-set ☐</td> <td style="border: none;">Drawing ☐</td> </tr> <tr> <td style="border: none;">Heat Treat ☐</td> <td style="border: none;">Cut Too Short ☐</td> <td style="border: none;">Mislabeled ☐</td> <td style="border: none;">Finish ☐</td> </tr> <tr> <td style="border: none;">Wave/Twist in Tube ☐</td> <td style="border: none;">Instructions Incomplete/Unclear ☐</td> <td style="border: none;">Fit/Function ☐</td> <td style="border: none;">Misread ☐</td> </tr> <tr> <td style="border: none;">Marks/Chatter ☐</td> <td style="border: none;">Drill Holes ☐</td> <td style="border: none;">Misaligned/off center ☐</td> <td style="border: none;">Turning Sequence ☐</td> </tr> </table>						Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐
Environment ☐	No Re-verification ☐																																																																						
Design ☐	Operator ☐																																																																						
Doc/Data ☐	Offset/Setup ☐																																																																						
Equip/Tooling ☐	Supplier ☐																																																																						
Handling/Pre ☐	Training ☐																																																																						
Material ☐	Use for Testing ☐																																																																						
Internal Transport ☐	Poor Information ☐																																																																						
Tribal Knowledge ☐	Rushing ☐																																																																						
LOA ☐	Product Improvement ☐																																																																						
Substation ☐	Process Improvement ☐																																																																						
Past Expiry Date ☐	Manufacturing Process ☐																																																																						
Misidentified ☐	Past Due ☐																																																																						
Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐																																																																				
Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐																																																																				
Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐																																																																				
Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐																																																																				
Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐																																																																				
Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐																																																																				
Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐																																																																				
Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐																																																																				
Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐																																																																				
Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐																																																																				
OTHER :																																																																							

Picklist Print

Tuesday, May 24, 2016 9:51:03 AM

Page 4

Work Order ID: 146753

146753

Parent Item: D412-761-049

D412-761-049

Parent Item Name: Armrest

Start Date: 6/15/2016

Required Date: 6/23/2016

Start Qty: 1.00

Required Qty: 1.00

MS21075L3

MS21075L3N

Purchased

No

110

Each

132.0000

8

8

MS21075L3

Nut Plate

**

129913

DAS

6

9.89

DAS

26

9.89

Location

Loc Qty

Loc Code

GA

32

m134257

32

ST298

100

m134782

100

DAS

27

9.89

JUL 12 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date : _____		Step #: _____		QTY Effective : _____			MRB (QSI042) Approval 		
Description Work Order Deviation				Disposition					
				Completed By _____					
				Lead hand / Supervisor Approval Verification _____					
				QC / QA Coordinator Approval _____					
Root Cause		FAULT CATEGORY							
Environment ☐	☐ No Re-verification	☐ Pressure/Forced	☐ Temperature/Cure	☐ Power Loss/Surge	☐ Positioned Wrong				
Design ☐	☐ Operator	☐ Bending	☐ Set-up	☐ Folio/Program	☐ Outside Dimensions				
Doc/Data ☐	☐ Offset/Setup	☐ Centre Not Concentric	☐ BOM/Route	☐ Grain	☐ Over/Under tolerance				
Equip/Tooling ☐	☐ Supplier	☐ Cracks	☐ Broken/Damage/Defect	☐ Weld	☐ Part Incorrect				
Handling/Pre ☐	☐ Training	☐ Crimp/Kink/Ripple/Wave	☐ Inspection Incomplete/Unqualified	☐ Wrong Stock Pulled	☐ Part Lost/Missing				
Material ☐	☐ Use for Testing	☐ Cuffs	☐ Contamination	☐ Out of Sequence	☐ Part Moved				
Internal Transport ☐	☐ Poor Information	☐ Crushing	☐ Countersink	☐ Off-set	☐ Drawing				
Tribal Knowledge ☐	☐ Rushing	☐ Heat Treat	☐ Cut Too Short	☐ Mislabeled	☐ Finish				
LOA ☐	☐ Product Improvement	☐ Wave/Twist in Tube	☐ Instructions Incomplete/Unclear	☐ Fit/Function	☐ Misread				
Substation ☐	☐ Process Improvement	☐ Marks/Chatter	☐ Drill Holes	☐ Misaligned/off center	☐ Turning Sequence				
Past Expiry Date ☐	☐ Manufacturing Process	OTHER : _____							
Misidentified ☐	☐ Past Due								

(CONTINUED FROM PAGE 12)

QTY -041	QTY -041A	QTY -043	QTY -045	QTY -047	QTY -049	QTY -051	QTY -053	QTY -141	PART NUMBER	DESCRIPTION
					1				D3780-041	ARMREST ASSEMBLY
					1				D3696-041	* ARM ASSEMBLY
					1				D3696-1	** ARM
					1				D3801-3	** HAND RETRACTABLE SPRING PLUNGER
					1				D3781-041	* LATERAL CUSHION ASSEMBLY
					1				D3781-043	* ARMREST CUSHION ASSEMBLY
					1				D3785-3	* BRACKET
					1				D3977-1	* BOLT
					1				D3978-1	* NUT (CASTELLATED)
					1				D3979-1	* WASHER (SQUARE HOLE)
					2				AN970-6	* WASHER
					1				MS24665-302	* COTTER PIN
					2				MS21042L3	* NUT
					2				MS24693-C272	* SCREW
					2				MS24693-C277	* SCREW
					1				NAS1149D0663J	* WASHER (OR AN960JD616)
					11				AN3-6A	BOLT
					1				AN6-26	BOLT
					11				AN320-6	CASTELLATED NUT
					11				NAS1149D0363J	WASHER (OR AN960JD10)
					1				NAS1149D0616J	WASHER (OR AN960JD616L)
					2				NAS1515H6L	WASHER
					1				MS24665-302	COTTER PIN
					3				MS21071L3	ANCHORNUT
					8				MS21075L3	NUTPLATE
						1			D4097-041	ARMREST ASSEMBLY
						1			D3696-041	* ARM ASSEMBLY
						1			D3696-1	** ARM
						1			D3801-3	** HAND RETRACTABLE SPRING PLUNGER
						1			D4098-041	* CUSHION ASSEMBLY
						1			D4099-1	* BRACKET
						3			MS21042L3	* NUT
						5			MS24693-C273	* SCREW
						3			MS24693-C277	* SCREW
						1			NAS1149D0332J	* WASHER
						11			AN3-6A	BOLT
						1			AN6-26	BOLT
						1			AN320-6	CASTELLATED NUT
						11			NAS1149D0363J	WASHER (OR AN960JD10)
						1			NAS1149D0616J	WASHER (OR AN960JD616L)
						2			NAS1515H6L	WASHER
						1			MS24665-302	COTTER PIN
						3			MS21071L3	ANCHORNUT
						8			MS21075L3	NUTPLATE
								4	D3932-1	SNAP VENT
							1		D5023-041	INSTRUMENT PANEL ASSEMBLY
							2		AN3-3A	BOLT
							8		AN3-4A	BOLT
							1		AN743-12	BRACKET, SUPPORT CLAMP
							10		MS21042L3	NUT
							1		MS21919WDG8	SUPPORT CLAMP
							10		NAS114900332J	WASHER (AN960J010L)
							6		AN526C1032R6	SCREW
							1		D3867-1	CONNECTOR PLATE

(CONTINUED ON PAGE 14)

• COPYRIGHT © 2008 BY DART AEROSPACE LTD •
 THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED
 OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

Revision: F
 Date: 16.05.26

REFERENCE ONLY

DART AEROSPACE LTD.

IIN-D412-761

Page 12 of 15

(CONTINUED FROM PAGE 11)

QTY -041	QTY -041A	QTY -043	QTY -045	QTY -047	QTY -049	QTY -051	QTY -053	QTY -141	PART NUMBER	DESCRIPTION
				1					D3705-041	INSTRUMENT PANEL ASSEMBLY
				1					D3705-043	* INSTRUMENT PANEL WELDMENT
				1					D3335-1	* SPRING
				1					D3705-5	* ACCESS PANEL
				1					D3706-041	* LOCK BRACKET ASSEMBLY
				1					D3706-5	* PIN
				2					D3707-3	* MOUNTING LUG
				2					AN3-3A	* BOLT
				4					AN526C1032R6	* SCREW
				1					MS171498	* SPRING SLOTTED PIN
				4					MS24693-C272	* SCREW (OR MS24693-S272)
				2					NAS1149D0332J	* WASHER (OR AN960JD10L)
				1					NAS1149D0563J	* WASHER (OR AN960JD516)
				1					D3705-7	FACE PLATE (MINIMUM REQUIRED INSTRUMENTS FOR 204, 205, 210, AND EAGLE SINGLE MODELS)
				1					D3705-9	FACE PLATE (MINIMUM REQUIRED AND OPTIONAL INSTRUMENTS FOR 204, 205, 210, AND EAGLE SINGLE MODELS)
				1					D3705-11	FACE PLATE (FOR 212, 214, 412, MODELS)
				2					D3707-1	MOUNTING LUG
				1					D3790-1	INDEXING BLOCK
				1					D3867-1	CONNECTOR PLATE
				2					D4758-1	BLANKING PLATE
				3					D4758-3	BLANKING PLATE
				4					AN3-4A	BOLT
				6					AN526C1032R6	SCREW
				2					AN743-12	BRACKET
				6					AN960JD10L	WASHER
				6					MS21075L3	NUTPLATE (OR MS21073-3)
				4					MS24693-C272	SCREW (OR MS24693-S272)
				1					MS27039-1-17	SCREW
				1					MS27039-1-27	SCREW
				4					MS21042L3	NUT
				2					MS21919WDG8	CLAMP
				4					NAS1149D0332J	WASHER (OR AN960JD10L)
				1	1				D3694-041	MOUNTING PLATE ASSEMBLY
				1	1				D3694-1	* KEYWAY
				1	1				D3694-3	* PROTECTIVE PLATE
				1	1				D3694-5	* MOUNTING PLATE
				1	1				AN526C1032R8	* SCREW
				4	4				MS21042L3	* NUT
				2	2				MS21209F1-20	* HELI-COIL, SCREW LOCKING (RED)
				1	1				MS24693-C271	* SCREW (OR MS24693-S271)
				4	4				MS24693-C273	* SCREW (OR MS24693-S273)
				5	5				NAS1149D0363J	* WASHER (OR AN960JD10)
				1	1				D3695-041	SLIDER ASSEMBLY
				1	1				D3695-1	* SLIDER
				1	1				D3695-3	* STOPPER
				1	1				MS21209F6-25	* HELI-COIL, SCREW LOCKING (RED)
				4	4				MS21209F1-20	* HELI-COIL, SCREW LOCKING (RED)
				4	4				MS24693-C276	* SCREW (OR MS24693-S276)
				1	1				D3801-1	* HAND RETRACTABLE SPRING PLUNGER

*DENOTES PART IS INCLUDED WITH ASSEMBLY ABOVE
(CONTINUED ON PAGE 13)

• COPYRIGHT © 2008 BY DART AEROSPACE LTD •
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

Revision: F
Date: 16.05.26